

PEER-TO-PEER HOSTING OF INTELLIGENT FIELD DEVICES

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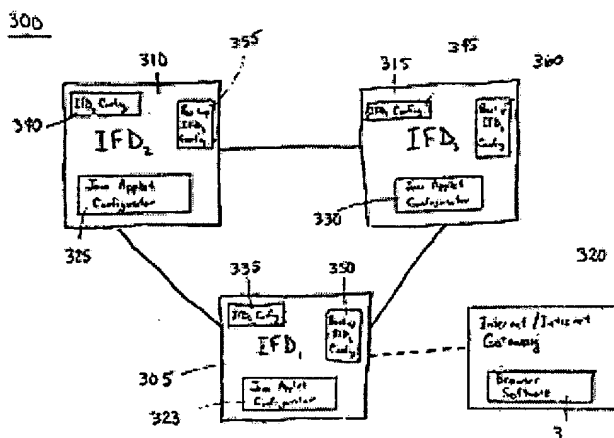
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Abstract of WO0077585

Device configurations are stored in a system including at least two intelligent field devices (IFDs) connected by a communications connection. A configuration for a first IFD is stored in the first IFD, and a backup of the configuration for the first IFD is stored in at least one other IFD. Storing a configuration for the first IFD may include having the first IFD request a configuration from at least one other IFD using the communications connection, an IFD having a stored backup of the configuration for the first IFD transmitting the backup to the first IFD using the communications connection, and the first IFD receiving the transmitted backup and storing the received backup in the first IFD as the configuration for the first IFD. Storing a backup of the configuration for the first IFD may include having the first IFD transmit a backup of the configuration for the first IFD to at least one other IFD using the communications connection, and having the at least one other IFD receive and store the backup of the configuration.



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